



T1 (3mm) Right-Angled PCB LEDs, 0.200" Centerline

Part Number		Emitted Color	Lens Color/Type	Projection Type	Electrical-Optical Characteristics (Ta = 25°C)				View Angle 2θ _{1/2}	Figure
Long Lead (0.500" Min.)	Short Lead (0.140")				I _f (mA)	I _v (mcd) typ	V _f (V) typ/max	λ _p (nm)		

T1 (3mm) High-Efficiency (Diffused) LEDs

	PC120TR6	PC120TR6-140	ULTRA RED	RED	RED Diffused	Standard	20	100	1.7/2.6	660	45°	1
	PC120TR4 (5)	PC120TR4-140	HE RED	RED	RED Diffused	Standard	20	24	2.0/2.8	635	45°	
	PC120TR1	PC120TR1-140	STD RED	RED	RED Diffused	Standard	20	3	1.7/2.0	665	45°	
	PC120TO4 (5)	PC120TO4-140	ORANGE	ORN	ORN Diffused	Standard	20	30	2.1/2.8	610	45°	
	PC120TY4 (5)	PC120TY4-140	YELLOW	YEL	YEL Diffused	Standard	20	22	2.1/2.8	585	45°	
	PC120TG4 (5)	PC120TG4-140	HE GREEN	GRN	GRN Diffused	Standard	20	18	2.1/2.8	565	45°	
	PC120TUB5	PC120TUB5-140	ULTRA BLUE	BLU	BLU Diffused	Standard	20	2.4	3.8/5.0	430	45°	

T1 (3mm) Sunlight-Visible (Diffused) LEDs

	PC120T-OUR	PC120T-OUR-140	ULTRA RED	RED	RED Diffused	Standard	20	700	2.0/2.6	660	45°	1
	PC120T-OUO	PC120T-OUO-140	ORANGE	ORN	ORN Diffused	Standard	20	1000	2.0/2.6	610	45°	
	PC120T-OUY	PC120T-OUY-140	YELLOW	YEL	YEL Diffused	Standard	20	480	2.0/2.6	592	45°	
	PC120T-UG	PC120T-UG-140	LIME GREEN	GRN	GRN Diffused	Standard	20	300	2.0/2.6	570	45°	
	PC120T-1AG	PC120T-1AG-140	AQUA GREEN	GRN	GRN Diffused	Standard	20	300	3.5/4.0	523	45°	
	PC120T-1PB	PC120T-1PB-140	PURE BLUE	BLU	BLU Diffused	Standard	20	120	3.6/4.0	470	45°	

T1 (3mm) 2mA Low Current (Diffused) LEDs

See Above	PC120TR5N-LC	PC120TR5N-140/LC	HE RED	RED	RED Diffused	Standard	2	2.2	1.8/2.2	635	45°	1
	PC120TY5N-LC	PC120TY5N-140/LC	YELLOW	YEL	YEL Diffused	Standard	2	2.3	1.9/2.7	585	45°	
	PC120TG5N-LC	PC120TG5N-140/LC	HE GREEN	GRN	GRN Diffused	Standard	2	2.2	1.8/2.2	568	45°	

T1 (3mm) High-Efficiency (Tinted) LEDs

See Above	PC120CR4 (5)	PC120CR4-140	HE RED	RED	RED Clear	Standard	20	100	2.0/2.6	635	30°	1
	PC120CY4 (5)	PC120CY4-140	YELLOW	YEL	YEL Clear	Standard	20	90	2.1/2.6	585	30°	
	PC120CG4 (5)	PC120CG4-140	HE GREEN	GRN	GRN Clear	Standard	20	110	2.1/2.6	565	30°	

T1 (3mm) 5V Integrated Resistor (Diffused) LEDs

See Above	PC120TR3-5V	PC120TR3-5V-140	HE RED	RED	RED Diffused	Standard	20	4	5V	635	30°	1
	PC120TY3-5V	PC120TY3-5V-140	YELLOW	YEL	YEL Diffused	Standard	20	4	5V	585	30°	
	PC120TG3-5V	PC120TG3-5V-140	HE GREEN	GRN	GRN Diffused	Standard	20	3.5	5V	565	30°	

T1 (3mm) Sunlight-Visible (Water-Clear) LEDs

	PC120-OUR	PC120-OUR-140	ULTRA RED	RED	Water-Clear	Standard	20	800	2.0/2.6	660	30°	1
	PC120-OUO	PC120-OUO-140	ORANGE	ORN	Water-Clear	Standard	20	600	2.0/2.6	620	30°	
	PC120-OUY	PC120-OUY-140	YELLOW	YEL	Water-Clear	Standard	20	700	2.0/2.6	595	30°	
	PC120-1CW	PC120-1CW-140	COOL WHITE	○	Water-Clear	Standard	20	250	3.6/4.0	8000K	30°	
	PC120-UG	PC120-UG-140	LIME GREEN	GRN	Water-Clear	Standard	20	600	2.0/2.6	570	30°	
	PC120-1AG	PC120-1AG-140	AQUA GREEN	GRN	Water-Clear	Standard	20	600	3.5/4.0	525	30°	
	PC120-1PB	PC120-1PB-140	PURE BLUE	BLU	Water-Clear	Standard	20	400	3.6/4.0	470	30°	

T1 (3mm) 2mA High-Efficiency (Water-Clear) LEDs

See Above	PC120CWR5N	PC120CWR5N-140	HE RED	RED	Water-Clear	Standard	20	100	2.0/2.6	635	30°	1
	PC120CWY5N	PC120CWY5N-140	YELLOW	YEL	Water-Clear	Standard	20	90	2.1/2.6	585	30°	
	PC120CWG5N	PC120CWG5N-140	HE GREEN	GRN	Water-Clear	Standard	20	110	2.1/2.6	568	30°	

T1 (3mm) Bicolor (Diffused) LEDs, 2-Leaded

See Above	PC120TWRG4B	PC120TWRG4B-140	HE RED	RED	WHT Diffused	Standard	20	30	2.0/2.6	630	50°	1
			HE GREEN	GRN			20	30	2.2/2.6	568	50°	
	PC120TWTYG4B	PC120TWTYG4B-140	YELLOW	YEL	WHT Diffused	Standard	20	15	2.1/2.6	585	50°	
			HE GREEN	GRN			20	30	2.2/2.8	568	50°	

Custom Options: OEM large quantity requirements

Figure 1. Standard Projection, Long & Short Lead Type

Custom Options (for qualified applications)

Log # 125K pg3 Rev 07-2001



23105 Kashiwa Court, Torrance, CA 90505
 Phone: (800) 579-4875 or (310) 534-1505
 Fax: (310) 534-1424
 E-mail: webmaster@ledtronics.com
 Website: www.ledtronics.com